



## Supplemental Labeling

### FOR DISTRIBUTION AND USE ONLY WITHIN WYOMING

EPA Reg. No. 241-337-5905

EPA SLN No.: WY-920005A

### FOR WEED CONTROL IN ALFALFA GROWN FOR SEED PRODUCTION

**This label is valid until October 10, 2010 or until otherwise amended, withdrawn, canceled or suspended.**

Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA-registered product label for Helena Pendimethalin herbicide, EPA Reg. No. 241-337-5905.

This labeling must be in the possession of the user at the time of application.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Observe all cautions and limitations on this label and on the labels of products used in combination with Helena Pendimethalin. Do not use Helena Pendimethalin other than in accordance with the instructions set forth on this label. The use of Helena Pendimethalin not consistent with this label may result in injury to crops. Keep containers closed to avoid spills and contamination.

Read the Precautionary Statement, Environmental Hazards, Storage and Disposal, and Disclaimer statements appearing on the container label.

#### GENERAL INFORMATION

Helena Pendimethalin may be applied for pre-emergence weed control of most annual grasses and certain broadleaf weeds as they germinate, but it will not control established weeds. Unusually cold, excessively wet, or hot and dry conditions that

delay germination or extend it over a long period of time may reduce weed control.

Refer to the Helena Pendimethalin container label for a complete listing of weeds controlled.

#### APPLICATION INSTRUCTIONS

**Some stunting and chlorosis of the alfalfa may occur with postemergence applications.**

Apply Helena Pendimethalin at broadcast rates of 1.2 to 4.8 quarts per acre on or before May 15 in one of the following ways:

1. Apply to dormant established alfalfa.
2. Apply Helena Pendimethalin before alfalfa exceeds 10 inches in height after first mowing/beating.
3. Once the alfalfa reaches 10 inches in height or if the alfalfa has been mowed/beaten two or more times, Helena Pendimethalin must be applied with drop nozzles directing the spray so that there is little to no contact with the foliage.

Uniformly apply in 10 or more gallons of water per acre with ground equipment, or in 5 or more gallons of water per acre with aircraft.

**Applications when alfalfa exceeds 6 inches in height may result in poor weed control in the crop row due to possible reduced spray coverage to the soil.**

## APPLICATION RATES

**Helena Pendimethalin herbicide** applied at a rate of 1.2 to 2.4 quarts per acre prior to weed emergence will control the following weeds:

Grasses	Broadleaf Weeds
Barnyardgrass	Carpetweed
Crabgrass	Florida Pusley
Crowfootgrass	Kochia
Foxtail, Giant	Lambsquarters
Foxtail, Green	Pigweed
Foxtail, Yellow	Purslane
Goosegrass	Spurge, annual
Johnsongrass (seedling)	
Panicum, Fall	
Panicum, Texas	
Sandbur, Field	
Signalgrass	
Witchgrass	

**Helena Pendimethalin** applied at a rate of 2.4 to 4.8 quarts per acre prior to weed emergence will control the following weeds in addition to those listed above:

Grasses	Broadleaf Weeds
Bluegrass (annual)	Chickweed (common)
Cupgrass, Woolly	Dodder*
Itchgrass	Fiddleneck
Junglerice	Henbit
Lovegrass	Knotweed
Millet, Wild-proso	Puncturevine
Panicum, Browntop	Rocket, London
Shattercane	Shepherdspurse
Sprangletop, Mexican	Smartweed, Pennsylvania
Sprangletop, Red	Velvetleaf (Buttonweed)

\*For optimum Dodder control, use 3.6 to 4.8 quarts of **Helena Pendimethalin** herbicide.

## RESTRICTIONS AND LIMITATIONS

**DO NOT** exceed 4.8 quarts of product per acre in any one crop season.

**DO NOT** apply this product through any type of irrigation system.

**Helena Pendimethalin** is most effective when mechanically incorporated, or when incorporated in the weed germination zone by rainfall or irrigation within 7 days of application.

**DO NOT** apply after May 15.

**DO NOT** apply to seedling alfalfa.

**DO NOT** feed or graze alfalfa following **Helena Pendimethalin** application.

**DO NOT** cut treated alfalfa for hay or forage.

**DO NOT** use harvested seed for sprouting.

Processed seed must be labeled "Not for human or animal consumption" at the processing plant. All alfalfa seed screenings must be disposed of in such a way that they cannot be distributed or used for food or feed.

**DO NOT** use on peat or muck soils.

**NOTE:** If loss of alfalfa stand occurs due to adverse weather conditions, any crop registered for **Helena Pendimethalin** preplant incorporated use can be replanted the same year into **Helena Pendimethalin** treated soil without adverse effects. If replanting is necessary, soil should not be reworked deeper than the **Helena Pendimethalin** treated zone.

## ROTATIONAL CROP RESTRICTIONS

The following crops may be planted after the indicated time interval depending on the crop and rate used.

Crop	Rate per Acre		
	Less than 1.8 quarts	1.9 to 3.6 quarts	3.7 to 4.8 quarts
Crops labeled for Preplant Incorporated Application	Same season	4 months	4 months
Wheat	4 months	12 months	18 months
Red beets, sugar beets and spinach	12 months	18 months	24 months
Other crops*	Following year	18 months	24 months

\*Barley may be planted 12 months after an application of up to 2.4 quarts per acre.

**To avoid crop injury, land should be plowed using a moldboard plow when greater than 1.8 quarts per acre are used, or when rotating to sugar beets, red beets, or spinach at any use rate.**

### 24(c) Registrant:

BASF Corporation  
Agricultural Products  
26 Davis Drive  
Research Triangle Park, NC 27709